

Application/Control Number: 10/789,037

Art Unit: 2856

$$[0097] \quad m_1 \ddot{x}_1 + c_{1x} \dot{x}_1 + k_{1x} x_1 = k_{2x}(x_2 - x_1) + F_d$$

$$(m_2 + m_3) \ddot{x}_2 + c_{2x} \dot{x}_2 + k_{2x} x_2 = k_{2x} x_1 \quad (2)$$